



SPARK GAP

Vol. 41, Issue 7, July 2024 *MARC - Serving Central Indiana Communities*

On Our MARC:

Please join us Saturday, July 20th at 8 am for our monthly club meeting. We have elections coming up this summer, and you need to be a paid member to vote, so please make sure your membership is paid up before the end of the month. Hope to see you Saturday.

73,
Tim
WC9G

CLUB DUES FOR 2024

It is that time of year for your membership dues for the Mid-State Amateur Radio Club. The annual membership dues is \$25.00 per year and has not changed from last year.

This also a good time to update any of your information for club records such as license upgrade, change of address, contact information or call sign.

This is also a good opportunity for new amateurs to join our club and join in our club activities for 2024.

Please see Jacki Frederick, KI6QOG M.A.R.C. Treasurer



Birthdays for the month of July:

W1VYN - Vyn Popplewell

WU9Y - Jim Seiver

W9BAS - Bruce Shelley

KD9FPO - John Dickerson

KD9VFK - Chan Cornett

KE9ABY - Chris Kelly

Hurricane Beryl Aftermath and Update

ARRL News July 2024

Remnants of Hurricane Beryl, now a post-tropical cyclone, were moving northeast as of early Thursday morning with heavy rain and 35 mph winds. The storm is forecast to continue its current direction as it moves through Pennsylvania, upstate New York, northern New England and Canada, moving ENE at 20 mph. Beryl was the fastest and earliest storm of the hurricane season and during its 8-day run that left behind severe damage to the Windward Islands and Mexico before making landfall in Texas.

Over 7,000 residents in New York, Michigan, Pennsylvania, and New England are without power. Houston is in recovery mode after the core of Hurricane Beryl passed very close to the downtown area on Wednesday, with wind gusts over 80 mph that caused massive power outages. 1.3 million customers in Texas are still facing power outages.

Amateur radio has been active since the early formation of the hurricane. The Hurricane Watch Net concluded operations for Tropical Cyclone Beryl on Monday July 8, 2024, at 12:00 PM EDT (1600 UTC). Net Manager Bobby Graves, KB5HAV, said, "Solar activity was not kind to us over the past few days. Propagation on both 20 and 40 meters was horrible and iffy at times. But our dedicated team of operators banded closely together to get the job done.

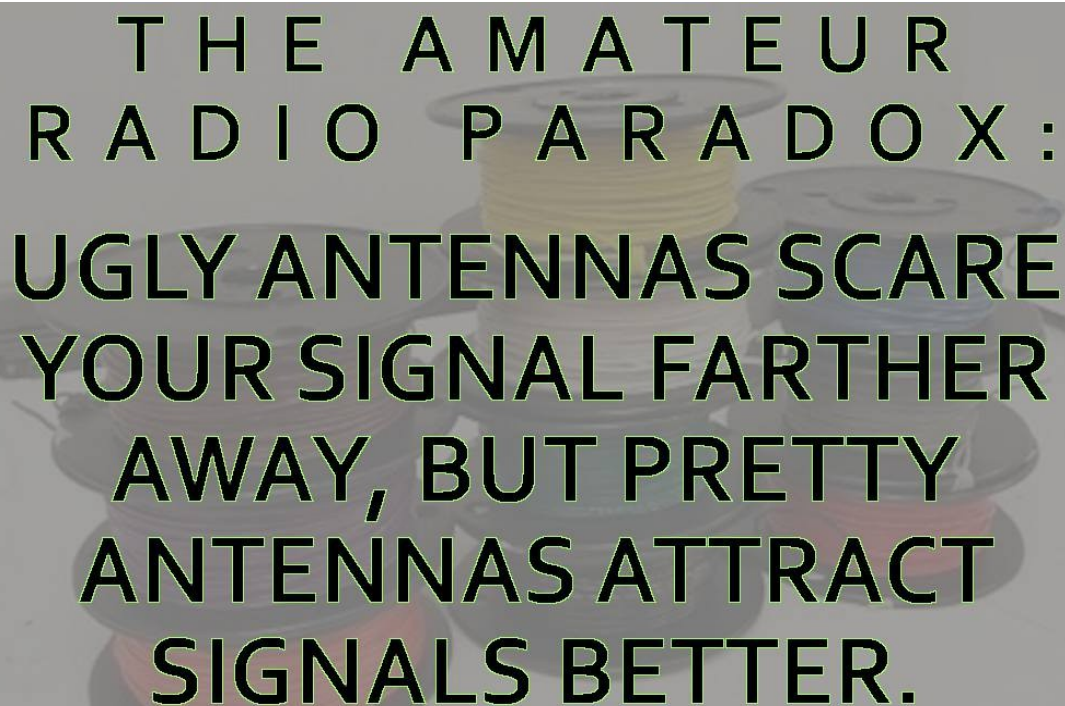
"I've said this for many years, and it remains true to this day. We greatly appreciate the daily users and various nets who use 14.325.00 MHz and 7.268.00 MHz for allowing us a clear frequency. It certainly makes our job easier, and I know those in the affected area appreciate it as well," added Graves.

The VoIP Hurricane Net also secured operation on Monday July 8, at 1100 AM EDT as Beryl weakened to a tropical storm. The VoIP net fielded dozens of reports from online weather stations reporting wind gusts between 50 and 98 MPH, with winds above 74 MPH being hurricane force wind gust criteria.

Rob Macedo, KD1CY, Director of Operations for the VoIP Hurricane Net, reported, "We wish to extend a special thank you to the South Coast Reflector and amateur radio operator N6KNE (hopefully, we got that call sign correct) for allowing a connection into our net where close to ten amateur radio operators checked in and provided storm reports that were sent to WX4NHC," adding, "We would love to see more of this cooperation in the future with other parts of coastal areas threatened by hurricanes." WX4NHC is the amateur station at the National Hurricane Center.

The VoIP Hurricane Net also relayed reports of storm damage via social media and public safety radio feeds during the nine-hour net activation from 2 - 11 AM EDT.

Forecasters at the National Oceanic and Atmospheric Administration (NOAA) Climate Prediction Center predict above-normal hurricane activity in the Atlantic basin this year. NOAA's outlook for the 2024 Atlantic hurricane season, which spans from June 1 to November 30, predicts an 85% chance of an above-normal season, a 10% chance of a near-normal season and a 5% chance of a below-normal season.



THE AMATEUR
RADIO PARADOX:
UGLY ANTENNAS SCARE
YOUR SIGNAL FARTHER
AWAY, BUT PRETTY
ANTENNAS ATTRACT
SIGNALS BETTER.

..... Thanks Chris, KQ9Y

ARRL on The Weather Channel

ARRL News 2024

ARRL® The National Association for Amateur Radio® joined The Weather Channel on Thursday, July 11, 2024, for a live chat about the value of amateur radio during hurricane season and beyond. ARRL's Bob Inderbitzen, NQ1R, talked about how radio helps inform the warning process through surface observations relayed through the Hurricane Watch Net and other nets to WX4NHC, the amateur radio station at the National Hurricane Center.



Viewers were told how local ARRL volunteers serve their local agencies through the Amateur Radio Emergency Service® (ARES®) and how they could get licensed through ARRL materials and become a part of it.

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Auto Redial gives you auto auto-button re-dialing of the last number called. It is easy to use and does not require a "Universal Dial System," and you can use auto redial without extra charges!

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Radio Shack's Telephones and Accessories—Pages 145-151

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www.RadioShackCatalog.com

M.A.R.C. ARRL FIELD DAY 2024

BROWN COUNTY STATE PARK





..... Photos by club members

HAM STUFF FOR SALE

JACK W8ISH HAM RADIO ITEMS FOR SALE

Yaesu FT-847 HF, 100 Watt All Mode SATELLITE base radio
Asking \$650.00

Yaesu FTM 3100 vhf 65 watt mobile \$50.00

MFJ Versa Tuner II 300 Watt (Single needle) \$75.00

Shure 4-channel broadcast audio mixer \$125

AC Power supply @ $\frac{1}{4}$ amp Lugs for 6.3vdc and 12.6 vdc

Icom IC-R100 communications receiver Make offer

Heathkit HD1410 Keyer \$15.00

CUSHCRAFT 14-ELEMENT UHF BEAM (Good for satellites)

Two meter beam (maybe 5-element) bundled

Diamond Z50 Dual band base antenna with bracket \$60.00

Six lead rotor cable 70 feet (make offer)

Plastic boxes for projects ...some with wires and controls

INDIANA HAMFESTS 2024

Auburn Hamfest

Start Date: 07/20/2024

End Date: 07/20/2024

Location: Auburn Cord Duesenberg Museum

1600 Wayne Street

Auburn, IN 46706

Website: <http://w9ou.org>

Sponsor: Northeastern Indiana Amateur Radio Association

Type: ARRL Hamfest

Talk-In: 147.015 with 141.3 tone

Public Contact: John Chalmers , W9GOO

P.O. Box 145 Auburn, IN 46706

Phone: 260-927-5746

Email: W9OU@arrl.net

Elkhart East Hamfest, ARRL Central Division Convention

Start Date: 08/03/2024

End Date: 08/03/2024

Location: Northern Indiana Event Center

21565 Executive Parkway

Elkhart, IN 46514

Website: <http://elkharteasthamfest.com>

Sponsor: Northern Indiana K9DEW Repeater Network

Type: ARRL Hamfest

Talk-In: 147.330+ / 131.8

Public Contact: Dewey Thrash , K9DEW

53464 Baywater Place Bristol, IN 46507

Phone: 574-370-2436

Email: elkharthamfest@gmail.com

Hendricks County Tailgate Fest

Start Date: 08/10/2024

End Date: 08/10/2024

Location: Avon United Methodist Church

6850 E. US Hwy 36

Avon, IN 46123

Sponsor: Ham Emergency Radio Operations

Type: ARRL Hamfest

Talk-In: 145.130 MHz PL-Tone 88.5

Public Contact: Kenneth A Kayler , KC9SQD

3090 Clover Dr. Plainfield, IN 46168

Phone: 317-874-7068

Email: kc9sqd425@gmail.com

ARANCI Hamfest

Start Date: 08/11/2024

End Date: 08/11/2024

Location: Lake Village Community Center

9728 North 300 West

Lake Village, IN 46349

Sponsor: ARANCI

Type: ARRL Hamfest

Talk-In: 145.330 pl 131.8

Public Contact: Michael Swiader , KA9E

PO Box 215 Lake Village, IN 46349

Phone: 815-409-5070

Email: ka9e@yahoo.com

Hoosier Hills Hamfest

Start Date: 10/12/2024

End Date: 10/12/2024

Location: Lawrence County 4-H Fairgrounds

11265 US-50

Bedford, IN 47421

Website: <https://hoosierhillshamfest.com/>

Sponsor: Hoosier Hills Ham Club

Type: ARRL Hamfest

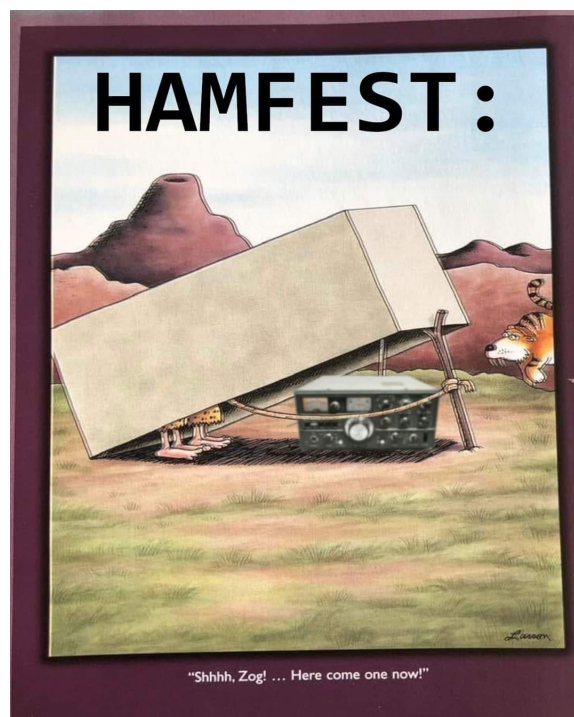
Talk-In: 146.73- PL/107.2

Public Contact: Tim Wray , KB9SNL

PO Box 891 Bedford, IN 47421

Phone: 812-675-6733

Email: bwrs1996@gmail.com





MID-STATE AMATEUR RADIO CLUB

The Mid-State Amateur Radio Club meets the **THIRD SATURDAY 8:00 AM** of each month
at the Johnson County REMC building 750 International Dr. Franklin, IN 46131

See our website, www.midstatehams.org, for maps on how to get to our meeting.

Everyone is welcome; you do not have to be a *HAM* to attend our meetings or a member of the club.

W9MID Repeater:
Offical SkyWarn Repeater for Johnson County

146.835/
146.235 MHz
(151.4 Hz PL Tone)

W9MID Repeater:

443.525/
448.525 MHz
(151.4 Hz PL Tone) YEASU SYSTEM FUSION (C4FM)

Club Officers:

President: Tim Aldridge - WC9G
Vice President: Rhonda Curtis - WS9H
Secretary: Jim Adams – KB9JMU
Treasurer: Jacki Frederick - KI6QOG
Repeater Trustee: Chris Frederick – KQ9Y
Club Historian: Jack Parker – W8ISH
Club P.I.O. : Rhonda Curtis – WS9H

Weekly Net: Sunday evening 7:00 PM ARES/RACES members and ALL RADIO AMATEURS
146.835/146.235 MHz (151.4 Hz PL Tone)

The Official Newsletter of the Mid-State Amateur Radio Club
857 Lionshead Lane
Greenwood, Indiana
46143

Spark Gap Editor: Robert LaGrange N9SIU

Please send your articles to my email: n9siu@yahoo.com no later than the 3rd week of the month.



Thanks to Johnson Co. REMC for the use of their building for meetings and testing.